

and is not available for use for other services. If one collocator cancels service, that equipment generally cannot immediately be used for other customers and may be idle until another collocator requests service. Also, some of the equipment dedicated to collocation may have to be moved to another area of the central office in order to be reused by other services if there is no longer a demand for collocation in that particular central office.

Therefore, all of the costs of this equipment must be charged to one or a limited number of collocation customers in the applicable central office. There are some items (such as EDSX equipment) that can be used for end-user customers as well as collocators. The collocation cost study was structured to identify and account for both dedicated collocation equipment and that which is shared with other services.

2. Where a significant amount of Bell Atlantic labor is dedicated to collocation, such as in the design and planning functions and actual site implementation associated with direct interface with the collocators, the associated labor expenses are recovered through a collocation-specific nonrecurring Design and Planning Fee rate element in the tariff. These functions are over and above what Bell Atlantic requires for access services.
3. In physical collocation the fiber transmission/multiplexing equipment is not included in the cost study since it is owned and maintained by the collocator. In virtual collocation, only the maintenance, administration, land, building and power/common equipment costs of the fiber transmission/multiplexer, not capital costs, are included in the study since the collocator sells this equipment to Bell Atlantic for a nominal sum. With non-collocation services, the full capital costs and operating expenses of this equipment are recovered through the tariff rate elements.

¶ 73 Request

Fully explain and completely document all data, assumptions, and methodologies used to develop the unit investments, the direct capital costs, and the direct operating costs for the point-to-point DS1 and DS3 special and switched access service with the lowest overhead loading factor. (a.) Include the same documentation for the largest volume point-to-point DS1 and DS3 special and switched access service with (1) the shortest term that is at least one year in length; (2) the longest term (e.g. five years); and (3) the term that is intermediate to the shortest term and the longest term (e.g. three years). (b.) Submit a copy of all cost studies on which the unit

investment, direct capital costs, direct operating costs, and overhead loading factors for these services are based.

Response:

These services are all offered pursuant to the Commission's price cap rules, under which current rates are independent of costs. The basis for all price cap adjustments made each year to existing services is fully documented in each year's annual access filing. The derived overhead loadings for DS3 and DS1 access service were developed using a comparison of the current rate level with incremental cost studies. This study was submitted pursuant to an earlier Commission Order and appears in Attachment K⁸. The Commission required that the tariff filing that included this study be submitted on 120 days' notice to allow for full public scrutiny.

¶ 75 Request

We request Bell Atlantic to indicate the percentage of the overall collocation revenue it derives from DS1 and DS3 Special and Switched Access services that is attributable to term pricing plans (TPP). (a.) We request Bell Atlantic to provide separate percentages for each TPP (e.g. three-year and five-year).

Response:

Demand for collocation cross-connect circuits offered under Term Pricing Plans (TPPs) began slowly in November 1996 and is gradually increasing. To date, Bell Atlantic has only experienced demand under its TPP offerings for DS1 level circuits. Bell Atlantic derives 12.01% percent of its overall collocation revenue for DS1 Special and Switched Access services from TPPs (0.34 for 3-Year TPP + 11.67 for 5-Year TPP).

¶ 76 Request

We require Bell Atlantic to state whether its proposed termination liabilities for three- and five-year DS1 and DS3 collocation interconnection TPPs are identical to those for three- and five-year DS1 and DS3 Special and Switched Access service TPPs. (a.) Identify and explain the reason for any difference between termination liabilities for collocation interconnection TPPs and Special and Switched Access service TPPs.

⁸ Expanded Interconnection with Local Telephone Company Facilities, 8 FCC Rcd. 7341, ¶119 (1993).

Response

The proposed termination liabilities for three- and five- year DS1 and DS3 collocation interconnection TPPs are identical to the termination liabilities for switched and special access.

¶ 86 Request

Explain why it is reasonable to impose on interconnectors a more stringent standard of care than the LECs establish for themselves. (a.) Demonstrate the reasonableness of the tariff provisions requiring interconnectors to indemnify Bell Atlantic for any of these LECs' "own acts or omissions" in connection with the installation, maintenance and repair of the collocators' equipment.

Response:

Bell Atlantic performs maintenance on collocator's equipment only under the collocator's immediate direction and supervision. The work performed is only that which the collocator instructs and approves. Therefore, when working on the collocator's equipment, Bell Atlantic's employee is basically working for the collocator, not Bell Atlantic. If the collocator asks the employee to perform work that has the effect of causing damage to Bell Atlantic's facilities or those of another collocator, the collocator should be required to take the responsibility and indemnify Bell Atlantic.

¶ 87 Request

Demonstrate the reasonableness of extending interconnectors' liability for an indeterminate period, with a minimum but not maximum time limitation, and explain why the minimum time periods they chose are reasonable. (a.) Explain why it is reasonable to permit certain rights of action these LECs have against interconnectors, but not the interconnectors' rights of action against the LECs, to survive termination of interconnection service.

Response:

A collocator may leave some of its equipment and facilities in the collocation space for some period of time after terminating service, particularly if no other collocator has an immediate need for the space. The collocator should continue to be liable for any damage caused by the equipment, or by its removal, at least until all equipment is removed and the space turned over to Bell Atlantic. In addition, some technical problems caused by earlier acts of collocators may not become apparent for a period of time after the collocation service has been terminated, and there is no reason why the collocator should be relieved from liability for those acts. Bell Atlantic has

already reduced from three years to 18 months the period of post-termination liability, but such a reasonable period is needed to ensure that all damage that the collocater caused is fully compensated.

2. Cage Construction provisions for Physical Collocation Service

¶ 94 Request

Justify charging any interconnectors for a cage roof, in cases where Bell Atlantic needs access to structures above the interconnector's space, given that it would be Bell Atlantic's decision to place the interconnector's space near overhead structures. (a.) Explain whether it would be reasonable for the Commission to permit the carrier to recover such costs from all interconnectors with collocation arrangements at a central office, rather than recovering those costs from only those interconnectors that take the last available collocation spaces in that central office. (b.) Comment on whether it could reasonably recover the cost of cage roofs from all interconnectors collocation arrangements at a central office by including the costs of an estimated number of cage roofs as part of the average cost for all cages.

Response:

In some central offices, the only space available that would accommodate a physical collocation arrangement has existing cable support and overhead structures that contain Bell Atlantic network equipment. In order for Bell Atlantic to maintain access to these overhead structure and not interfere with the dedicated space of an interconnector, cage roofs may be required. Where reasonably feasible, however, collocation space will be set aside for which roofs are not needed. The cost of these roofs would not be needed except for the requirement for physical collocation. Therefore, Bell Atlantic must be permitted to recover these costs.

Where some, but not all, cages in a given central office require roofs, pro-rating roof costs to all collocators would not be feasible. Bell Atlantic will always designate the space that requires no roof to the initial collocators. Only when that space is exhausted will space be designated that requires a cage roof. It would be inconsistent with the Commission's principle that those who cause costs to be incurred should pay those costs.

BELL ATLANTIC

ATTACHMENT B

TARIFF REVIEW PLAN

PHYSICAL COLLOCATION

I. Physical Collocation Direct Costs Allocated into Functions

[illegible]

DS1 Service - Month-to-Month

II. Physical Collocation Rates Allocated into Functions

[illegible]

III. Physical Collocation Investment

DS1 Entrance Facility Installation Function

[illegible]

III. Physical Collocation Investment DS1 Entrance Facility Installation Function

	A	I	J	K	L	M	N	O
	Rate Elements/Investment Items	Fill Factor (% Utilization)	Unit Capacity Investment (B/H/I)	Installation Per Unit (C*D/H/I)	Engineering Per Unit (E*F/H/I)	Installed Unit Capacity Investment (G/H/I)	Required No. of Items Per Unit	Total Installed Unit Cap Investment (M*N)
1	Recurring Rate Element 1							
2	Item A							
3	Item B							
4	Item C							
5	Item D							
6	Item E							
7	Total	—					—	
8								
9	Recurring Rate Element 2							
10	Item A							
11	Item B							
12	Item C							
13	Item D							
14	Item E							
15	Total	—					—	
16								
17	Recurring Rate Element 3							
18	Item A							
19	Item B							
20	Item C							
21	Item D							
22	Item E							
23	Total	—					—	
24								
25	Cable Installation							
26	Installation Work	1	0	647.80	0	647.80	1	647.80
27								
28	Total	—		647.80	0.00	647.80	—	647.80
29								
30	Nonrecurring Rate Element 2							
31	Item A							
32	Item B							
33	Item C							
34	Total	—					—	
35								
36	Nonrecurring Rate Element 3							
37	Item A							
38	Item B							
39	Item C							
40	Total	—					—	
41								
42								
43								
44								

IV. Physical Collocation Direct Costs

DS1 Entrance Facility Installation Function

[illegible]

[illegible]

[illegible]

V. Physical Collocation Price Out

DS1 Entrance Facility Installation Function

A	NN	OO	PP	QQ	RR	SS	TT	UU
Rate Elements/Investment Items	Total Monthly Recurring Direct Cost (GG*MM)	Total Nonrecurring Direct Cost (JJ*MM)	Amortized Nonrecurring Direct Cost	Total Monthly Direct Cost (NN or PP)	Total Monthly Recurring Charge (HH*MM)	Total Nonrecurring Charge (KK*MM)	Amortized Nonrecurring Charge	Total Monthly Charge (RR or TT)
1 Recurring Rate Element 1								
2 Item A		--	--			--	--	
3 Item B		--	--			--	--	
4 Item C		--	--			--	--	
5 Item D		--	--			--	--	
6 Item E		--	--			--	--	
7 Total		--	--			--	--	
8								
9 Recurring Rate Element 2		--	--			--	--	
10 Item A		--	--			--	--	
11 Item B		--	--			--	--	
12 Item C		--	--			--	--	
13 Item D		--	--			--	--	
14 Item E		--	--			--	--	
15 Total		--	--			--	--	
16								
17 Recurring Rate Element 3		--	--			--	--	
18 Item A		--	--			--	--	
19 Item B		--	--			--	--	
20 Item C		--	--			--	--	
21 Item D		--	--			--	--	
22 Item E		--	--			--	--	
23 Total		--	--			--	--	
24								
25 Cable Installation	--				--			
26 Installation Work	--	647.80	13.99	13.99	--	647.80	13.99	13.99
27	--				--			
28 Total	--	647.80	13.99	13.99	--	647.80	13.99	13.99
29								
30 Nonrecurring Rate Element 2	--				--			
31 Item A	--				--			
32 Item B	--				--			
33 Item C	--				--			
34 Total	--				--			
35								
36 Nonrecurring Rate Element 3	--				--			
37 Item A	--				--			
38 Item B	--				--			
39 Item C	--				--			
40 Total	--				--			
41	41 Total Monthly Direct Cost Per 100 DS1s			13.99	41 Total Monthly Charge Per 100 DS1s			13.99
42								

III. Physical Collocation Investment DS1 Entrance Facility Space Function

	A	I	J	K	L	M	N	O
	Rate Elements/Investment Items	Fill Factor (% Utilization)	Unit Capacity Investment (B/H/I)	Installation Per Unit (C*D/H/I)	Engineering Per Unit (E*F/H/I)	Installed Unit Capacity Investment (G/H/I)	Required No. of Items Per Unit	Total Installed Unit Cap Investment (M*N)
1	Cable Support Structure							
2	CO Manhole (See Note #2)	68.00%	428.54	0.00	0.00	428.54	1.00	428.54
3	Entrance Conduit (See Note #3)	100.00%	16.49	140.40	47.86	204.75	1.00	204.75
4	CO Vault (See Note #2)	100.00%	1,041.67	0.00	0.00	1,041.67	1.00	1,041.67
5	Riser Duct (See Note #3)	100.00%	567.67	1,144.00	390.00	2,101.67	1.00	2,101.67
6	Cable Rack (See Note #3)	100.00%	163.90	567.60	193.50	925.00	1.00	925.00
7	Conduit	100.00%	103.33	880.00	300.00	1,283.33	1.00	1,283.33
8	Total	--	2,321.59	2,732.00	931.36	5,984.96	--	5,984.96
9	Recurring Rate Element 3							
10	Item A							
11	Item B							
12	Item C							
13	Total	--					--	
14								
15	Recurring Rate Element 3							
16	Item A							
17	Item B							
18	Item C							
19	Total	--					--	
20								
21	Nonrecurring Rate Element 1							
22	Item A							
23	Item B							
24	Item C							
25	Item D							
26	Item E							
27	Total	--					--	
28								
29	Nonrecurring Rate Element 2							
30	Item A							
31	Item B							
32	Item C							
33	Total	--					--	
34								
35	Nonrecurring Rate Element 3							
36	Item A							
37	Item B							
38	Item C							
39	Total	--					--	

IV. Physical Collocation Direct Costs

DS1 Entrance Facility Space Function

	A	P	Q	R	S	T	U	V	W
	Rate Elements/Investment Items	Depreciation ACF	Cost of Money ACF	FIT ACF	SLIT ACF	Other Tax ACF	Maintenance ACF	Administrative ACF	Other ACF
1	Cable Support Structure								
2	CO Manhole (See Note #2)	0.0232	0.1021	0.0464		0.0056		0.0290	
3	Entrance Conduit (See Note #3)	0.0232	0.1021	0.0464		0.0056		0.0290	
4	CO Vault (See Note #2)	0.0253	0.1035	0.0470		0.0101		0.0290	
5	Riser Duct (See Note #3)	0.0232	0.1021	0.0464		0.0056		0.0290	
6	Cable Rack (See Note #3)	0.0253	0.1035	0.0470		0.0101		0.0290	
7	Conduit	0.0232	0.1021	0.0464		0.0056		0.0290	
8	Total	--	--	--	--	--	--	--	--
9	Recurring Rate Element 3								
10	Item A								
11	Item B								
12	Item C								
13	Total	--	--	--	--	--	--	--	--
14									
15	Recurring Rate Element 3								
16	Item A								
17	Item B								
18	Item C								
19	Total	--	--	--	--	--	--	--	--
20									
21	Nonrecurring Rate Element 1	--	--	--	--	--	--	--	--
22	Item A	--	--	--	--	--	--	--	--
23	Item B	--	--	--	--	--	--	--	--
24	Item C	--	--	--	--	--	--	--	--
25	Item D	--	--	--	--	--	--	--	--
26	Item E	--	--	--	--	--	--	--	--
27	Total	--	--	--	--	--	--	--	--
28									
29	Nonrecurring Rate Element 2	--	--	--	--	--	--	--	--
30	Item A	--	--	--	--	--	--	--	--
31	Item B	--	--	--	--	--	--	--	--
32	Item C	--	--	--	--	--	--	--	--
33	Total	--	--	--	--	--	--	--	--
34									
35	Nonrecurring Rate Element 3	--	--	--	--	--	--	--	--
36	Item A	--	--	--	--	--	--	--	--
37	Item B	--	--	--	--	--	--	--	--
38	Item C	--	--	--	--	--	--	--	--
39	Total	--	--	--	--	--	--	--	--

[illegible]

[illegible]

[illegible]

E

III. Physical Collocation Investment DS1 Construction Provisioning Function

	A	B	C	D	E	F	G	H
	Rate Elements/Investment Items	Unit Investment	Installation Hours	Installation Direct Cost Per Hour	Engineering Hours	Engineering Direct Cost Per Hour	Installed Unit Investment (B+(C*D)+(E*F))	Unit Capacity
1	Recurring Rate Element 1							
2	Item A							
3	Total	---	---	---	---	---	---	---
4								
5	Recurring Rate Element 2							
6	Item A							
7	Total	---	---	---	---	---	---	---
8								
9	Recurring Rate Element 3							
10	Item A							
11	Total	---	---	---	---	---	---	---
12								
13	Design & Planning - Single Entrance							
14	Collocation Coordinator				12.00	79.90	958.80	1.00
15	Product Manager				1.00	84.10	84.10	1.00
16	Administrator				2.00	75.51	151.02	1.00
17	Engineering				12.00	59.56	714.72	1.00
18	Network Operations				5.00	61.93	309.65	1.00
19	Real Estate				10.00	72.05	720.50	1.00
20	Security				3.00	63.29	189.87	1.00
21	Power				4.00	61.93	247.72	1.00
22	Risk Management				2.00	76.68	153.36	1.00
23	Total	---	---	---	---	---	---	---
24								
25	Design & Planning - Dual Entrance							
26	Collocation Coordinator				15.00	79.90	1,198.50	1.00
27	Product Manager				1.00	84.10	84.10	1.00
28	Administrator				2.00	75.51	151.02	1.00
29	Engineering				16.00	59.56	952.96	1.00
30	Network Operations				9.00	61.93	557.37	1.00
31	Real Estate				10.00	72.05	720.50	1.00
32	Security				3.00	63.29	189.87	1.00
33	Power				4.00	61.93	247.72	1.00
34	Risk Management				2.00	76.68	153.36	1.00
35	Total	---	---	---	---	---	---	---
36	Design & Planning - Site Augmentation							
37	Collocation Coordinator				6.00	79.90	479.40	1.00
38	Product Manager				1.00	84.10	84.10	1.00
39	Administrator				1.00	75.51	75.51	1.00
40	Engineering				0.00	0.00	0.00	0.00
41	Network Operations				5.00	61.93	309.65	1.00
42	Real Estate				3.00	72.05	216.15	1.00
43	Security				1.00	63.29	63.29	1.00
44	Power				2.00	61.93	123.86	1.00
45	Risk Management				2.00	76.68	153.36	1.00
46	Total	---	---	---	---	---	---	---
47								
48								
49								
50								

III. Physical Collocation Investment DS1 Construction Provisioning Function

	A	I	J	K	L	M	N	O
	Rate Elements/Investment Items	Fill Factor (% Utilization)	Unit Capacity Investment (B/H/I)	Installation Per Unit (C*D/H/I)	Engineering Per Unit (E*F/H/I)	Installed Unit Capacity Investment (G/H/I)	Required No. of Items Per Unit	Total Installed Unit Cap Investment (M*N)
1	Recurring Rate Element 1							
2	Item A							
3	Total	--					--	
4								
5	Recurring Rate Element 2							
6	Item A							
7	Total	--					--	
8								
9	Recurring Rate Element 3							
10	Item A							
11	Total	--					--	
12								
13	Design & Planning - Single Entrance							
14	Collocation Coordinator	100.00%	0.00	0.00	958.80	958.80	1.00	958.80
15	Product Manager	100.00%	0.00	0.00	84.10	84.10	1.00	84.10
16	Administrator	100.00%	0.00	0.00	151.02	151.02	1.00	151.02
17	Engineering	100.00%	0.00	0.00	714.72	714.72	1.00	714.72
18	Network Operations	100.00%	0.00	0.00	309.65	309.65	1.00	309.65
19	Real Estate	100.00%	0.00	0.00	720.50	720.50	1.00	720.50
20	Security	100.00%	0.00	0.00	189.87	189.87	1.00	189.87
21	Power	100.00%	0.00	0.00	247.72	247.72	1.00	247.72
22	Risk Management	100.00%	0.00	0.00	153.36	153.36	1.00	153.36
23	Total	--	0.00	0.00	3,529.74	3,529.74	--	3,529.74
24								
25	Design & Planning - Dual Entrance							
26	Collocation Coordinator	100.00%	0.00	0.00	1,198.50	1,198.50	1.00	1,198.50
27	Product Manager	100.00%	0.00	0.00	84.10	84.10	1.00	84.10
28	Administrator	100.00%	0.00	0.00	151.02	151.02	1.00	151.02
29	Engineering	100.00%	0.00	0.00	952.96	952.96	1.00	952.96
30	Network Operations	100.00%	0.00	0.00	557.37	557.37	1.00	557.37
31	Real Estate	100.00%	0.00	0.00	720.50	720.50	1.00	720.50
32	Security	100.00%	0.00	0.00	189.87	189.87	1.00	189.87
33	Power	100.00%	0.00	0.00	247.72	247.72	1.00	247.72
34	Risk Management	100.00%	0.00	0.00	153.36	153.36	1.00	153.36
35	Total	--					--	4,255.40
36	Design & Planning - Site Augmentation							
37	Collocation Coordinator	100.00%	0.00	0.00	479.40	479.40	1.00	479.40
38	Product Manager	100.00%	0.00	0.00	84.10	84.10	1.00	84.10
39	Administrator	100.00%	0.00	0.00	75.51	75.51	1.00	75.51
40	Engineering	0.00%	0.00	0.00	0.00	0.00	0.00	0.00
41	Network Operations	100.00%	0.00	0.00	309.65	309.65	1.00	309.65
42	Real Estate	100.00%	0.00	0.00	216.15	216.15	1.00	216.15
43	Security	100.00%	0.00	0.00	63.29	63.29	1.00	63.29
44	Power	100.00%	0.00	0.00	123.86	123.86	1.00	123.86
45	Risk Management	100.00%	0.00	0.00	153.36	153.36	1.00	153.36
46	Total	--					--	1,505.32
47								
48								
49								
50								

IV. Physical Collocation Direct Costs

DS1 Construction Provisioning Function

[illegible]

IV. Physical Collocation Direct Costs

DS1 Construction Provisioning Function

[illegible]

V. Physical Collocation Price Out

DS1 Construction Provisioning Function

[illegible]

	A	NN	OO	PP	QQ	RR	SS	TT	UU	
	Rate Elements/Investment Items	Total Monthly Recurring Direct Cost (GG*MM)	OO Total Nonrecurring Direct Cost (JJ*MM)	PP Amortized Nonrecurring Direct Cost	Total Monthly Direct Cost (NN or PP)	Total Monthly Recurring Charge (HH*MM)	SS Total Nonrecurring Charge (KK*MM)	Amortized Nonrecurring Charge	Total Monthly Charge (RR or TT)	
1	Recurring Rate Element 1									
2	Item A	--	--	--			--	--		
3	Total		--	--			--	--		
4										
5	Recurring Rate Element 2		--	--			--	--		
6	Item A		--	--			--	--		
7	Total		--	--			--	--		
8										
9	Recurring Rate Element 3		--	--			--	--		
10	Item A		--	--			--	--		
11	Total		--	--			--	--		
12										
13	Design & Planning - Single Entrance									
14	Collocation Coordinator	--	958.80	20.71	20.71	--	959.00	20.71	20.71	
15	Product Manager	--	84.10	1.82	1.82	--	84.00	1.81	1.81	
16	Administrator	--	151.02	3.26	3.26	--	151.00	3.26	3.26	
17	Engineering	--	714.72	15.44	15.44	--	715.00	15.44	15.44	
18	Network Operations	--	309.65	6.69	6.69	--	310.00	6.70	6.70	
19	Real Estate	--	720.50	15.56	15.56	--	720.00	15.55	15.55	
20	Security	--	189.87	4.10	4.10	--	190.00	4.10	4.10	
21	Power	--	247.72	5.35	5.35	--	248.00	5.36	5.36	
22	Risk Management	--	153.36	3.31	3.31	--	153.00	3.30	3.30	
23	Total	--	3,529.74	76.24	76.24	--	3,530.00	76.25	76.25	
24										
25	Design & Planning - Dual Entrance	--				--				
26	Collocation Coordinator	--	1,198.50	25.89	25.89	--	1,199.00	25.90	25.90	
27	Product Manager	--	84.10	1.82	1.82	--	84.00	1.81	1.81	
28	Administrator	--	151.02	3.26	3.26	--	151.00	3.26	3.26	
29	Engineering	--	952.96	20.58	20.58	--	953.00	20.58	20.58	
30	Network Operations	--	557.37	12.04	12.04	--	557.00	12.03	12.03	
31	Real Estate	--	720.50	15.56	15.56	--	720.00	15.55	15.55	
32	Security	--	189.87	4.10	4.10	--	190.00	4.10	4.10	
33	Power	--	247.72	5.35	5.35	--	248.00	5.36	5.36	
34	Risk Management	--	153.36	3.31	3.31	--	153.00	3.30	3.30	
35	Total	--	4,255.40	91.92	91.92	--	4,255.00	91.91	91.91	
36	Design & Planning - Site Augmentation	--				--				
37	Collocation Coordinator	--	479.40	10.36	10.36	--	479.00	10.35	10.35	
38	Product Manager	--	84.10	1.82	1.82	--	84.00	1.81	1.81	
39	Administrator	--	75.51	1.63	1.63	--	76.00	1.64	1.64	
40	Engineering	--	0.00	0.00	0.00	--	0.00	0.00	0.00	
41	Network Operations	--	309.65	6.69	6.69	--	310.00	6.70	6.70	
42	Real Estate	--	216.15	4.67	4.67	--	216.00	4.67	4.67	
43	Security	--	63.29	1.37	1.37	--	63.00	1.36	1.36	
44	Power	--	123.86	2.68	2.68	--	124.00	2.68	2.68	
45	Risk Management	--	153.36	3.31	3.31	--	153.00	3.30	3.30	
46	Total	--	1,505.32	32.51	32.51	--	1,505.00	32.51	32.51	
47	47 Total Monthly Direct Cost Per 100 DS1s				200.67	47 Total Monthly Charge Per 100 DS1s				200.66
48										
49										
50										